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AND THE OF THE I	NYAINS INFORMATION AFFECTING THE NATIONAL DEFENSE TICS. WITHIN THE REQUIRED OF TITLE 18. SECTIONS 709. ITS. WITHIN THE REGARDS STORE OF REVEL TO THE REPORT OF AN ORANTHORIZED PERSON AW THE REPORT OF THE FORM IS PRODUCTED.	THIS IS UNEV	ALUATED INFORMA	FK)N

- iranch Office No 1 of Plant No 88, a design and project office for rocket *capons, was located on Gorodomlya Island in Lake Seliger near Ostashkov (57-08N, 33-05E). The office, just as Plant No 88 in Moscow/Fodlipki, was subordinate to the Ministry of Armaments in Moscow. Some of the Soviets employed there were assigned to the Soviet Ordnance Office. Source did not know anything of the connections between the Ministry of Armaments and this Ordnance Office. In this connection, he pointed out that the Germans living on Gorodomlya Island were kept
 - 2. The branch office in the island consisted of design bureaus, some laboratories, and a small workshop. Only German publications dated from W. II and, to a lesser extent, working at the branch office.
 - Besides Soviets, the personnel assigned to the office consisted of about 175 Germans, who were deported to the islami from Bleicherode on 22 October 1966, Only 20 of the deported Germans had previously worked in the field of rocket vespons, the other engineers had come to Bleicherode only after the war, either from universities or from the Arado Aircraft Plant. They were to some extent forced by Graduate and to some extent induced by promises made by Graduate Ingineer Helmit protably because they were originally scheduled to work in Plant No 80. Love of them soon transferred to Ostashkov, where some engineers arrived as early as 1947. Since possibility of productive work in the field of rocket weapons, the Soviets, after some time, assigned individual engineers research missions in other fields.
 - h. The first order, which was to be completed by 1949, consisted in projects on longdistance rockets designed after the principle of the A-2 set. The G-4 through 0.9

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the they were not counted in shell casin's; they represented so-called cartalever should be substituted by and the walls of their fuel containers were absolute neously to form the outer skin. This was an idea of the experts from the the shall elect instabled in the A-4. The new power plant was designed with a static thrust of about 35 tons and was to be constructed in several modifications. It was planned to build sets with four combustion units and an auxiliary combustion want in a thirtien. The latter combustion chamber was to be designed for a pressure of 60 atmospheres and was to be used as a cruisin; unit after the fuel of the four main power units was constitud, desearch was also conducted on a combustion unit retatable in a plane by 160, the rotating mechanism being the old serve unit developed at the Askabia Plant. This serve unit worked on the jet thrust principle, According to source, all the designs made were rather poor and had almost no practical value.

- on 1949, the Soviets realized that the work done at Ostashkov was futile and demanded that a preliminary design be made for a rocket capable of a range of 1950) km with pay load. Three days were available for the completion of this design. The project submitted was developed under the supervision of Herr Groettrup. The rocket projected was to be brought to a speed of Each 3 by means of a true speed motor and was then to travel to its target at a consideredly less speed obtained by means of an air stream engine. However, the Jerran experts declared Charmelves unable to construct the rocket as designed. The Soviets considered this a load of efficiency on the side of Herr Groettrup and consequently relieved him of him accomment.
- construction of an AA rocket based on the design of the former Berman asserfull set. Have the had to be devoted to a new compilation of the construction data require? For this set. The control system offered the greatest difficulties because no real expert was available in this field. Therefore, it was resolved to utilize the old which transmitted by the rocket. However, the order for the design of an AA rocket and so a withdrawn by the Soviets as the project did not promise any results.
- 7. In the Ballistics Department (Sector 1) of Franch Office 1, the Ballistic data for the through 3-9 sets and the antiaircraft rocket were determined, lost of the affirm were centered on the recovery of the data previously calculate in Terminy the herodynamics Department (Sector 2),
- By How problems were worked on at the Lagine Department (Sector 3), which was headed by How Karl Umpfenbach, a very capable engineer. One of these problems contared account the driving turbines for the purps which were to be built in the form of an ecoken was to be started with compressed air, and the turbine of the purps as well decisive question in this connection was the functioning of the purps as well decisive question in this connection was the functioning of the purps. More account to Dr Umpfenbach's design, the gas required was bled from a turb provided started and laid around the combustion chamber at the place where it had the material test to be injected anew. The following initial values were laid down by the Soviets:

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Gas imput temporature: and cas temperature in the line leading to the turbine:

1,200 to 1,800°C

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200°J.

The alcohol injection pressure was to be tested in the 3 to 60 atmosphere range. For the tests to be conducted, only one Compol type gas analysis apparatus was available, by rather primitive experiments it was determined that the gas constants hardly changed so that from this side unpleasant surprises were not to be expected. The first fuel to be injected was alcohol. Culcequently, kerosene, naphthaline, and Diesel oil were tosted. The Soviets were greatly interested in the utilization on kerosene and did not set great store by the development of a process which would have made it possible to increase the concentration of the othyl alcohol from 75 percent to 85 percent. The excessive degree of coking occurring with the utilization of kerosone was eliminated by the injection of chloride of barrion, which had been dissolved in water. The physical and chemical properties of the acrosene delivered by the Soviets varied greatly. Available for the experiments was a one-ton oven for the development of gas and the turbine of an A-A set. In late 1950, when the development work had reached a point that the first practical recults were imminent, the Soviets storged this project, apparently because they intended to complete it themselves. All the capable engineers who had been employed on the project, including Umpfenbach himself, were convinced that the Soviets would not be able to complete the project successfully in the near future. While working in the Power Plant Department, source was ordered to develop a method of decarbonizing an oven, which had used a nitric acid-korosone mixture. At the same time, he was to submit proposals on how this coking process was to be prevented.

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but had to abandon it again in the fall of this year whom thus work was still in its initial phase,

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the amount of energy actually avazzance at the end of the laval type jet. The problem to be solved was whether the various dissociation constants retain their original values or emether a lose of power occurs. The first experiments made with an oven of 20 kg thrust had to be altardoned because of the destruction of the oven. The work undertaken by source bad no result.

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the only productive work was done at the Electrical Deport cont (December 4) of Franch Office 1. On the lasis of plans developed by Dr lans Hoch, a second led rahumodell (path model) was built for stability tests on the rocket, to be conducted in various flying positions. Preparations for the construction of such a word already made at Bleicherone. The set was operated by a modumicelectrical device, its main component being an electrical integrator. The values for the take-off weight, air throughput, initial acceleration, besides all aerodynamic data and the data on the location of the center of gravity wer laid down in more see, while the control deflection remained to be determined, as long as the stantinty indicator was in zero position, the stability for the flight position schooled was guaranteed. Five units of this model were built, i.e., four three-axle sets and one five-axle set, two axles of the set transmitting rotating forces. The sets, which were procured from institutes and universities, sensured about 1.5 x 3.7 x 1.8 maters. Although the Soviets were enthusiastic about them, the Jerman engagers were in agreement that their precision left much to be desired.

- The group of engineers working on radio control devices at the Electrical Department (bector a) was not in a position to do productive work; the same applied to the organization working on measuring equipment.
- 32. The work of the Construction Department (Sector 5) was hampered by the shortage of maternals and mork places, although the personnel as igned to this department was quise efficient, they were faced by the greatest difficulties, even is they only had to construct minor experimental units.

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Tribus research work was in progress at the Chemical Department (Souther ?), the problems were investigated, and methods were worked out how to howername recession were also investigated. Other research work conducted at this concerned itself with the best method of electroplating light. The with cooper, bource furthermore studied the ignition properties of problems of fuels and other related problems.

- The My late 1962, the Soviets had apparently lost all interest in the activities of usnon Office 1. All secret work was discontinued and only non-classified projects were undertaken after that date. Source and several other filters worked on a sine transmitter (Simmsgebor) for various frequencies.
- It is always or tarch 1951, a boviet commission appeared at the installation and spirated some engineers with experiences in the field of radio control devices. This group of engineers, which was headed by Dr Dr Hans Hoch, was moved to become, where they had to sign contracts binding them to stay another four years in the Tight, Letters received from the lain Post Office in Loscow, post office box No 908, in Larch 1952, indicated that this group of engineers was marged with an organization working under Dr Buschbeck (fru).
- Then asked the question whether he know anything of a firing range for rockets asked either near Tashkent or otalingrad, in 12:7 or 19:8, asked for on engineers went to a place called hapustin in the Kalmusks steppe. The ustin at that time was a miserable village surrounded by deserted stoppe land, asked that the place. Technical installations were not available, and only

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	Seat of Personnel of Fra	anch Office No 1 of Plant No 83 in Ostachtor	
1.	. Representatives of the Ca	inistry of Armaments in Moscows	
	Saldakov (inu) Baldukov	In 1949 or 1950 he was replaced by	
	Vasilyov (fmu)		
	Professor Popedonsov (In	nu) who left the Linistry and Lecame an independent engineer	
2,	Appresentatives of the Or	chance Office:	
	licutement Colonel Tyulin	(im)	
	Colonel Korolov (Inu)	toth officers visited Ostashicov several times.	
	Person of Franch Offic	<u> </u>	
34	Director	25X1	
	Fedor Giuliuvich [Yulyuvich or Zhyulyuvich] Suchandinov		
lt c	Order engineers, directly	subordinated to the director, 25V1	_
	Posch-Katsynhinskiy(inu),	25X1	
	Ruccianov (i'mu)		
	,		
	Parcl Vasilyev		
S.	blocorint section and the	epartient, was subordinated to the chief engineers. This seport section, the mail section, the archives, the photographic laboratory. The personnel included two male orders and two German clerks.	s e
25X1	Medorian skiy (fan)	was chief of Dopartment I	
ζ.,	lesigners, also assi	gned to the didoi engineers.	
25X1	Kiseley?	Soviet liaison officer for the Germa desimpre	3
25X1	Seed and Sammacer		
25X1	Hollant Groethrup		
25X1	er Sans Boch		
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	h Taldoner Tolff	ē i			
,	A BUNCLER COLL				
7.	There were eight work secti	ions (Socto	ma) cubom?	imples to the state of the	
			A TO DIMOTELL	ud odd ob bild enge	I destmors.
δ_{α}	Sector 1, in charge of ball	listic calc	ulations		
25X1	Dr gldemar wolff	chief.	a mathemati	cian.	ho was to them
23/1		lallist	ics with er	icdrich Krupp 40	ho was in charge of the dame.
25X1	Dr Werner Schulz		matician		¬
25X1		qualifi	cationsc	returned to deriv	_with good my in April 1952.
20/1	Oc lans deichardt		capable mat		
		who ret	urned to Go	rmany in April 19	522
25X1	Fr Schlier (Inu)			an astronomist.	
23/1	Hanka Johannes				
	of the state of th	provious April 1	Mij teacher 952.	at a granuer scho	ool, returned in
	forde, Bail				
	· · · · · · · · · · · · · · · · · · ·	a suppli	r manager,	who returned in A	ord 1000
	Graduate da dincer Jernor Luctier				
		a mather	ntician, w	no returned in Ame	ta 1998.
25X1	Live in clices Nyrach			a calculator who	pe lather was also
		at Ostu	•		
	dourse did not remember the last soviet staff included:	names of t	the other Jo	ormans corking at	Poctor 1.
25X1	Fautachev (fau)		n a thomas		
			nathemati		
	Abus Ana (ma)	a female	mathematic	ian without outat	andir - capabilities,
9	bactor 2, in charge of aerody	manies,			
25X1	Toward Althring	objec -		*	
23/(1		chief, No retur	ned to Germ	any in oril 1952.	rical impolecipe.
	Merihaichenkov (Inu)				<u> </u>
25X1	•	the nost	's Soviet d intelligen	eputy, t and meanest of t	one of
	Or Wart Johnson				STATES A
	· ·	+ s OFF BAR	rado sira	rain <u>plon</u> t.	
20/(1	agi san Karl Heins Alkamayor			former member of	The DVI.
		8	(1)		
20A1	are mie sumineer		Dhysicist	brother-in-law	AT 1.77 MARKANA

the marriage

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25X1	Or Hanner , Albert	philologist, who returned to Germany in april 1952.
25X1	Engineer Wenzel, Hans	returned to Commany on April 1952.
25X1	Eginoor Jurschik (ing) [probably Kurt Juschik]	returned in A mil 1952.
25X1	Voss "Otto	in opril 1952.
25X1	engine r Hoinz (?) Zielinny	
25X1	Swincor Hennig (fnu)	roturned in April 1952
25X1	Professor Helmut Priese	Institute of Technology, who returned there in April 1952.
25X1	Solowew (fnu)	the most important Soviet
25X1	There were more Germans wor	king hero
10.	Sector 3, in charge of power	r units for rockets,
•	Dr Umpfenbach , Karl	chief, the only German who was an export in this field.
	Or Angancer Heinrich Zeise	
25X1		
3.0 5	bector h , in charge of electrope dent sections.	tric assemblies, was subdivided into three
	Segme r Gord Tuelfer	chief of the section in charge of Fahnradolle (path models). He returned to Jermany in Amril 1952.
	bginoor Proikschat, Fritz	chief of the section in charm of ralin controls. To returned to Garmany in April 1952
	Tolessor Alhelm Schuetz	ching of the section in charge of transpring anshruments, returned in April 1952.
	Sector halso included the i	
	orgineer Theodor Housann Graduate Engineer Hangs, Kar Foresan Hans Fueller Handicraft Hoise, Fred	r 1
17.,	weeter 5 in charge of the to	st stands and other construction work
	mannaor Jaffke , Heinz.	chief, who returned in April 1052

Magner.

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13. Lector 7, worked in the field of chemistry

in them from Tatthes chief, an early Sid member who returned in April 1952.

Wadusto -arineer

Serbard Sigraind

worked only temperarily in Dector 7 and returned to Jermany in April 1952

May Beater 9, the so-called workshop

Sugineer Apol, Erich

chief, a can in his early thirties, who was released

in april 1952 and will probably to to fildau in

14, the construction department

Madhate Engineer Flass. Herman chief, who had worked on the namefactors of

sirirames at the Arado Aircra.t Plant

15. Other Jermans working at Ostashkov included:

te talter quesuel

a mathematician for oscillations and vibrations

in burt Bagnus

a physicist and expert for gyroscopic instruments

Pagessor or Theo behmidt

a physicist

la Tae or Fritz Viebach

launching expert for A-4 missiles

sereks (rm)

craffsmen.

regner lobliabrt, Kurt

in incar Poble Max

Fracer runner, Willi

Marte working at the Kapustin tost field included:

Violecia, Wolffahrt, Scholz, Dr Woch, Poble, Prumer and de Moife

Jorganta 25X1

salor braneal Guidukov was reported to have been chief of a special technical compission in Bleicherode during the fall of 1946. Javenber 1969, Professor Vasilyev was mentioned by Prayda as chief of the Flant of The Beachtaile Mescarch Instatute for Figury Equipment. A Colonel Yabilyev was to puriod in mid-1240 as officer in charge of television in the bodiet lone of Live E. W.

Frederical Copedanosion is reported for the first time. A Colonal Comedanostical Copy to 1315 and 1316, reported as a moder of Technical Office to the technical The plant in Eleicherode was subordinated to this office. In 1965 and 1966, a Microsi foreigns and a Colonel Cynlin were reported as members of the Lovist staff Prostante department. In 1946, a Lieutenant Colona Revolov was cor ander of a That are is which, under the supervision of Vielach (In), moved to Corchancen is assistice figure rocket weapons. It is assumed that Korolyev and Korolov are tdealical,